			·				E					BORING L-2	ELEVATION (FEET)					
DEPTH (FEET)	OTHER TESTS	SHEAR STRENGTH PSF	LIGUID	LIM	PLASTICITY INDEX	*	FIELD MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEONS)	PERCENT	400	SURFACE ELEVATION 587.7						
0			27	14.	\ <del>\</del> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		<u> </u>					SYMBOLS DESCRIPTIONS STRIP MINE DEBRIS	585					
5						$\frac{1}{1}$												
10													<i>—580</i>					
,													<u>—575</u>					
15	·						<del></del>						570					
20													<i>565</i>					
25																		
30				······································									— <i>560</i>					
35													<i>555</i>					
													<b>—550</b>					
40													545					
45													540					
50			-															
55													5 <i>35</i>					
60													<i>530</i>					
													<i>525</i>					
65												· ·	520					
70								1	$\prod$			TOP OF BEDROOK (SERON FORMATION)	5/5					
75										]		TOP OF BEDROCK (SPOON FORMATION) GRAY TO DARK GRAY SILTSTONE, FINE SANDY, MICACEOUS, CARBONACEOUS IN ZONES; THINLY LAMINATED; FRAGMENTED BORING CONTINUED	•					
												BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS REF	PORT					
												FIGURE 2.5-153						
												LOG OF BORING L-2 (SHEET 1 OF 5)						

35		_ E	AT	TERBE	NTENT	¥	SS =	Le		BORING L-2 CONTINUED	
(FEET) 22	OTHER TESTS	SHEAR STRENGTH PSF	LIGHT X	PLASTIC LIBIT	PLASTICITY INDEX	MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEONS)	PERCENT RECOVERED	gow .	SYMBOLS DESCRIPTIONS
80									25	0	
85											LIGHT GRAY SILTY SANDSTONE IN BASAL 5 GREENISH-GRAY SHALE, SILTY, DOLOMITIC LAMINATED; PARTS EASILY ALONG IRREG (BRAINARD FORMATION)
<b>90</b>									97	62	
95											VERTICAL FRACTURE 93.0 TO 96.2
00					-				95	87	
05											
10									99	99	
15											
20					<u>.</u>				94	72	GRADES TO DARK GREENISH-GRAY AT
25											CONTROL OF THE CONTRO
30						-			95	65	
35											
40									94	93	
45											
50					-				93	85	BORING CONTINUED

	BORING L-2 CONTINUED	ELEVATION (FEET)
SYM	BOLS DESCRIPTIONS	
		510
	LIGHT GRAY SILTY SANDSTONE IN BASAL 5 INCHES GREENISH-GRAY SHALE, SILTY, DOLOMITIC; THINLY LAMINATED; PARTS EASILY ALONG IRREGULAR BEDDING PLAI (BRAINARD FORMATION)	505 NES
		<b>—500</b>
	VERTICAL FRACTURE 93.0 TO 96.2 FEET	<del>495</del>
		490
		<del>485</del>
		<del>480</del>
		<del>475</del>
	GRADES TO DARK GREENISH-GRAY AT 118.5 FEET  NEAR VERTICAL FRACTURES FROM 120.1 TO 121.4 FEET	-470
		<b>465</b>
79 <b>4</b>		<b>460</b>
		<del>455</del>
	•	<b>—450</b>
		<del>44</del> 5
	BORING CONTINUED	<b>440</b>

### **BRAIDWOOD STATION** UPDATED FINAL SAFETY ANALYSIS REPORT

FIGURE 2.5-153

LOG OF BORING L-2 (SHEET 2 OF 5)

==	E 90	T T	AT	TERBE LIMITS	RG 3	DONTENT	117	8 (8)	7 T	
S (FEET)	OTHER TESTS	SHEAR STRENGTH PSF	CIONIO FIRM	PLASTIC	PLASTICITY INDEX	MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEONS)	PERCENT RECOVERED	OBM
150					<u>  ₹</u>	ă				
<i> 55</i>										
160									99	91
										_
/65									99	64
170			_				_	H		
175							_			
									99	65
180									_	
185									100	43
190			-				_	$\parallel$		
195										
,,,,									1000	52
200					······································					
205				<del></del>				H		
210							_		95	73
									-	-
215								$\prod$	98	68
220			$\vdash$			-	$\vdash$	H	1	***************************************
225						<u>L</u>		Ш		

	BORING L-2 CONTINUED	ELEVATION (FEET)
SYME	OOLS DESCRIPTIONS	
	GRADES TO MORE SILT BELOW 153.0 FEET	<del>435</del>
		-430
	GRADES CALCAREOUS AT 160.0 FEET	
	LIGHT GRAY VERY SILTY LIMESTONE, FOSSILIFEROUS;  LAMINATED TO THIRLY BEDDED, NUMEROUS IRREGULAR PARTINGS AND GRADATIONAL ZÔNES OF CALCAREOUS SHALE (FORT ATKINSON FORMATION)	<del>425</del>
	1/4 TO 2 INCH CAVITIES AND IRREGULAR CHANNELS SPACED 2 TO 6 HICHES FROM 166.0 TO 169.2 FEET DRUSY CRYSTAL DEPOSITS THROUGHOUT; LESS THAN 2% VOIDS	420
	POROUS ZONE 173.2 TO 174.0 FEET WITH CLOSELY SPACED PINPOINT OPENINGS, LESS THAN 1% VOIDS	-4/5
	GRADES LESS SILTY AND COARSELY CALCARENITIC BELOW 174.0 FEET, NUMEROUS THIN IRREGULAR SHALE PARTINGS IN 1 TO 2 INCH ZONES	-410
	1 INCH OPEN VUG AT 180.5 FEET LIGHT GRAY TO BUFF LIMESTONE, VERY PURE, COARSELY CALCARENITIC: MEDIUM BEDDED, HAIRLINE SHALE PARTINGS AND STYOLITES SPACED 1 TO 6 INCHES 1/4 INCH SOLUTION CHANNEL AT 182.0 FEET	<del>405</del>
田田	POROUS ZONE 183.2 TO 183.6 FEET WITH 5% OPEN VOIDS 1/4 INCH AND SMALLER	
崖		<del>4</del> 00
崖	VERTICAL FRACTURE 190.9 TO 191.7 FEET	<i>395</i>
	BROWNISH-GRAY SILTSTONE, CALCAREOUS, THINLY LAMINATED; NUMEROUS WHITE FOSSILIFEROUS BANDS IN ZONES, SOME PYRITE THROUGHOUT; OCCASIONAL PINPOINT TO 1/4 INCH VOIDS ASSOCIATED WITH SOLUTION OF FOSSIL FRAGMENTS SPACED 1 TO 11 INCHES. (SCALES FORMATION)	— <i>390</i>
	2 INCH CALCITE FILLED VUG AT 202.5 FEET	
	1 INCH OPEN SOLUTION CHANNEL AT 204.0 FEET, MINERALIZED	<i>385</i>
	GRAY SHALE, SILTY, DOLOMITIC: THINLY LAMINATED, INTERBEDDED 1 TO 6 INCH LAYERS OF SILTY LIMESTONE SPACED 3 TO 30 INCHES.	—380
	GRADES LESS SILTY BELOW 213.0 FEET, PARTS EASILY ALONG BEDDING PLANES	<i>375</i>
THE RESERVE OF THE PROPERTY OF		— <i>370</i>
	GRADES TO INTERBEDDED LAYERS OF GRAY SILTY LIMESTONE 6 TO 24 INCHES THICK SPACED 16 TO 23 INCHES, FOSSILIFEROUS; LAMINATED TO THINLY BEDDED	365

## BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS REPORT

BORING CONTINUED

FIGURE 2.5-153

LOG OF BORING L-2 (SHEET 3 OF 5)

žF	52	A B B T B T B T B T B T B T B T B T B T	AT	TERBE LIMITS	RG 3	FIELD MOISTURE CONTENT	NSITY F	LOSS	ONS)	ERED	٥
DEPTH (FEET)	OTHER TESTS	SHEAR STRENGTH PSF	Liguid Ligit	PLASTIC LIBIT	PLASTICITY INDEX	FIE DISTURE	DRY DENSITY PCF	WATER LOSS	(LUGE)	PERCENT RECOVERED	g by
225			-	<u> </u>	¥.	•		$\vdash$			$\dashv$
										92	41
230											
235								L			
										100	89
240						<u> </u>		-	L		
245										96	96
250			<u> </u>				ļ	L			
255			-				-	H	H	100	
260								T			100
265							_	1			
270			1			-	-	+			
275						l		t	-		
200											
280										100	100
285		-	-			-	$\vdash$	+	-		
									-		
290			+			+-	$\vdash$	$\dagger$	+	1	
295								T	1		
300	,	<u></u>									

#### BORING L-2 CONTINUED

SYMB	OLS DESCRIPTIONS	7
	SILTY LIMESTONE LAYERS GRADE OUT BELOW 231.1 FEET	<b>—36</b> 0
	DARK GRAY SHALE, DOLOMITIC: LAMINATED, OCCASIONAL 1 TO 4 INCH LAYER OF CALCAREOUS SILTSTONE SPACED 1 TO 5 INCHES, PARTS EASILY ALONG IRREGULAR BEDDING PLANES	— <i>355</i>
		<del>-350</del>
		— <i>345</i>
		<del>34</del> 0
		<i>—335</i>
	CALCAREOUS SILTSTONE LAYERS GRADE OUT, SILTY IN ZONES BELOW 258.0 FEET	—330
		<i>—325</i>
		<del>320</del>
		<i>—315</i>
		-310
	MOTTLED LIGHT GRAY AND BUFF DOLOMITIC LIMESTONE,	305
	FINE TO MEDIUM CRYSTALLINE; THIN BEDDED, NUMEROUS IRREGULAR HAIRLINE SHALE PARTINGS SPACED 1/2 TO 2 INCHES (WISE LAKE-DUNLEITH FORMATIONS)	300
	5% OPEN VUGS AND SOLUTION CHANNELS FROM 287.0 TO 295.0 FEET, OPENINGS FROM PINPOINT SIZE TO 1 1/2 INCH; RESIDUAL OIL STAINS	— <i>295</i>
蒙	BORING CONTINUED	290

## BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS REPORT

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FIGURE 2.5-153

LOG OF BORING L-2 (SHEET 4 OF 5)

OTHER TESTS SHEAR STRENGTH PSF SHEAR STRENGTH WINGER THE SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR SHEAR THE S									ING L-2 CONTINUED	ELEVATION (FEET)
OTHER TESTS	SHEAR STRENGT PSF	Lieuro Transic	A ASTICITY INDEX	FIELD MOISTURE CO	DRY DENS	MATER LO	PERCEN	gou	DESCRIPTIONS	313 313
										285
							100	100		280
									BORING COMPLETED AT 312.0 FEET ON 10-27-72	—275
	OTHER TESTS	OTHER TESTS SHEAR STERMEN	TASH PARAM P	AST SEE STANDARD S	TESTS SERVICE STREET	TIMILE TOWN TO THE TOWN TO THE	TESTS	SHEAT STREAGTH PSF TESTS	TERRES TO THE STATE OF THE STAT	LIMITS  OLIVERAL AND

# BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS REPORT

FIGURE 2.5-153

LOG OF BORING L-2 (SHEET 5 OF 5)